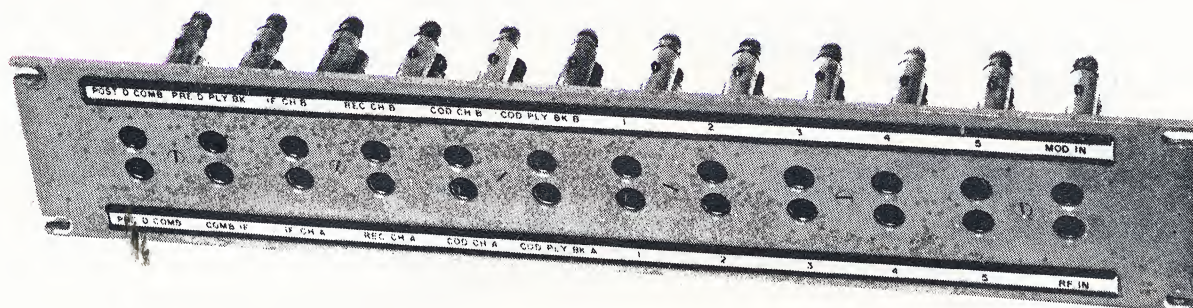**Vitro** INTRODUCES

STAINLESS STEEL

JACKS AND PLUGS*

For many years Vitro has produced a conventional Jack and Plug line manufactured from brass tubing which was protected by silver plating with an overall gold-flash. This is a standard approach utilized throughout the industry.

Due to repeated requests from our customers and service representatives for an improved or different design which would increase the life and reliability of this product, a radically new approach was taken using Stainless Steel in lieu of soft brass, silver, and gold.

The advantages of this new approach are many. Stainless Steel does not tarnish or wear and it cannot be distorted "out of round" by rough handling. As a result of these characteristics the Stainless Steel Jack and Plug will provide uniform contact pressure even after years of hard use.

In all respects the Stainless Steel Jack and Plug represents a marked improvement over any currently available equivalent.

*Patent Pending

NEMS ✦ CLARKE

SPECIFICATIONS

Jacks & Plugs

Dimensions:
Compatible with RCA dimensions
(.073 diameter male center pin)

Material:
Stainless steel, passivated
Insulation: teflon

Rear Connectors:
BNC, C, N, UHF, or open end available

VSWR:
Maximum of 1.5:1, to 4 Gc

Insertion Loss:
Under 0.4 db to 4 Gc for complete patch (two plugs, two jacks)

Jack Panels

Panel Dimensions:
19" long x 1-3/4" or 3-1/2" high, 3/16" thick. Notched per MIL-STD-189

Finish:
Light gray enamel (color chip 26329, Fed. STD. 595)

Material:
Panel, aluminum, grade 2024T3. Individual jack mounting blocks, aluminum grade 2024T3 for non-insulated series, nylon for insulated series

Accessories

Looping plugs, test plugs, patch cords, parallel network, 3-way and 4-way patch cords

Available Jack Panel Configurations

No. of Jacks	Rows	Panel Height	Type of Rear Connectors
12	1	1-3/4"	BNC, C, N, UHF, Open End
14	1	1-3/4"	BNC, C, N, UHF, Open End
20	1	1-3/4"	BNC, C, N, UHF, Open End
24	1	1-3/4"	BNC, Open End
24	2	3-1/2"	BNC, Open End
26	2	3-1/2"	BNC, Open End
36	2	3-1/2"	BNC, Open End
40	2	3-1/2"	BNC, Open End
48	2	3-1/2"	BNC, Open End
52	2	3-1/2"	BNC, Open End
30	2	3-1/2"	UHF

All of the above are available either with jacks insulated or grounded. Open end jacks accept coaxial cable up to .405" diameter, and have solderless shield termination.

Prices and Specifications are subject to change without notice.

vitro ELECTRONICS

STAINLESS STEEL PATCHING EQUIPMENT

TYPE NUMBERS & DESCRIPTIONS

Patch Panels

Type SSI-112 (Insulated)
Type SS-112 (Non-Insulated)

    Jack Panel fitted with 12 Jacks in one row, available with BNC, C, N, or
Open End type Jacks, 1 3/4" Panel height.

Type SSI-114 (Insulated)
Type SS-114 (Non-Insulated)

    Jack Panel fitted with 14 Jacks in one row, available with BNC, C, N, or
Open End type Jacks, 1 3/4" Panel height.

Type SSI-120 (Insulated)
Type SS-120 (Non-Insulated)

    Jack Panel fitted with 20 Jacks in one row, available with BNC, C, N, or
Open End type Jacks, 1 3/4" Panel height.

Type SSI-124 (Insulated)
Type SS-124 (Non-Insulated)

    Jack Panel fitted with 24 Jacks in one row, available with BNC or Open
End type Jacks, 1 3/4" Panel height.

Type SSI-126 (Insulated)
Type SS-126 (Non-Insulated)

    Jack Panel fitted with 26 Jacks in one row, available with BNC or Open
End type Jacks, 1 3/4" Panel height.

Type SSI-224 (Insulated)
Type SS-224 (Non-Insulated)

    Jack Panel fitted with 24 Jacks in two rows, available with BNC or Open
End type Jacks, 3 1/2" Panel height.

Type SSI-230 (Insulated)
Type SS-230 (Non-Insulated)

Jack Panel fitted with 30 Jacks in two rows, spacing special (1 9/16"
vertical spacing) for maximum number of UHF type Connectors. Also avail-
able with C or N type Jacks, 3 1/2" Panel height. (Special Looping
Plug available.)

Type SSI-236 (Insulated)
Type SS-236 (Non-Insulated

Jack Panel fitted with 36 Jacks in two rows, 12 Jacks in second row.
Available in BNC or Open End Jacks, 3 1/2" Panel height.

Type SSI-240 (Insulated)
Type SS-240 (Non-Insulated)

Jack Panel fitted with 40 Jacks in two rows, available in BNC or Open
End Jacks, 3 1/2" Panel height.

Type SSI-248 (Insulated)
Type SS-248 (Non-Insulated)

Jack Panel fitted with 48 Jacks in two rows, available in BNC or Open
End Jacks, 3 1/2" Panel height.

Type SSI-252 (Insulated)
Type SS-252 (Non-Insulated)

Jack Panel fitted with 52 Jacks in two rows, available in BNC or Open
End Jacks, 3 1/2" Panel height.

Looping Plugs

Type SL-50

Looping Plug, 5/8" center spacing, 50 ohm loop impedance.

Type SL-75

Looping Plug, 5/8" center spacing, 75 ohm loop impedance.

Type SL-75-B

Looping Plug, 1 9/16" center spacing, 75 ohm loop impedance. Test points on rear of housing for measurements. Has special spacing to fit SSI- and SS-230 Patch Panel.

Type SL-75-J

Looping Plug, 5/8" center spacing, 75 ohm loop impedance. Test points on rear of housing for measurements.

Plugs

Type SP-50

Accepts RG-58A/U Cable, 50 ohms.

Type SP-75

Accepts RG 59/U Cable, 75 ohms.

Type SP-50-T

Plug, terminating, incorporates a 50 ohm, 1/2 watt resistor and allows the termination of a circuit from the front of the Patch Panel.

Type SP-75-T

Plug, terminating, incorporates a 75 ohm, 1/2 watt resistor and allows the termination of a circuit from the front of the Patch Panel.

Patch Cords

Type SC-065

Patch Cord, 6" long double-shielded cable with two type SP-50 Plugs (50 ohms).

Type SC-067

Patch Cord, 6" long shielded cable with two type SP-75 Plugs (75 ohms).

Type SC-125

Patch Cord, 12" long double-shielded cable with two type SP-50 Plugs
(50 ohms).

Type SC-127

Patch Cord, 12" long shielded cable with two type SP-75 Plugs (75 ohms).

Type SC-185

Patch Cord, 18" long double-shielded cable with two type SP-50 Plugs
(50 ohms).

Type SC-187

Patch Cord, 18" long shielded cable with two type SP-75 Plugs (75 ohms).

Type SC-245

Patch Cord, 24" long double-shielded cable with two type SP-50 Plugs
(50 ohms).

Type SC-247

Patch Cord, 24" long shielded cable with two type SP-75 Plugs (75 ohms).

Type SC-365

Patch Cord, 36" long double-shielded cable with two type SP-50 Plugs
(50 ohms).

Type SC-367

Patch Cord, 36" long shielded cable with two type SP-75 Plugs (75 ohms).

Accessories

Type SC-185-Y

Three-way paralled Patch Cord with 18" long double-shielded cable legs
(50 ohms).

Type SC-187-Y

Three-way parallel Patch Cord with 18" long shielded cable legs (75 ohms).

Type SA-15

Connector cable having one input paralleled into two outputs, allows paralleling Jacks at the rear of the Panel, 3" long double-shielded cable legs with BNC Connectors (50 ohms).

Type SA-17

Connector cable having one input paralleled into two outputs, allows paralleling Jacks at the rear of the Panel, 3" long shielded cable legs with BNC Connectors (75 ohms).

Type SA-25

Connector cable having one input, consisting of BNC Connector Jack mounted on a junction block paralleled to four outputs having 3" long double-shielded legs terminated in BNC Connector Plugs (50 ohms).

Type SA-27

Connector cable having one input, consisting of BNC Connector Jack mounted on a junction block paralleled to four outputs having 3" long shielded legs terminated in BNC Connector Plugs (75 ohms).

Type SA-301

Rhodium plated Junction Block fitted with one BNC female connector, paralleling into two BNC male connectors, used to parallel two adjacent Jacks on 5/8" centers to one input at rear of Panel (50 or 75 ohms).

Type SA-302

Rhodium plated Junction Block fitted with one BNC male connector, paralleling into two BNC female connectors, used to parallel two inputs to one Jack at rear of Panel (50 or 75 ohms).